

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011836**Date Inspected:** 01-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1700**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Jobsite**CWI Name:** Jim Bowers**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Lift 1E**Summary of Items Observed:**

Upon arrival it was noted ABF personnel had previously placed the suspender bracket at Panel Point (PP) 10 and was in the process of placing the suspender bracket at PP12 for lift 1 East. The QA inspectors relayed to the Quality Control Manager (QCM) Jim Bowers; ABF personnel had placed these brackets prior to the completion of the arrival inspection for the South side of the OBG. The suspender bracket now covered the area in which sea fastener 2A was attached to the side of the OBG. QA inquired with Mr. Bowers why the brackets had been installed prior to QA's required Post Arrival Inspection. Mr. Bowers relayed he was unaware ABF would be placing these items as ABF had worked over the weekend. The QA inspectors proceeded with the balance of the arrival inspection at the sea fastener locations with access to the higher locations being accomplished through the use of a man lift. Access to PP12.5 was not possible at this time due to ABF personnel being in an adjacent man lift attempting to install a shim plate at this location. During this time the QA inspector noted the contractor was experiencing difficulty attempting to install the shim between the side plate and the suspender bracket at PP12 and were utilizing a sledge hammer and spud wrenches. The QA inspector observed what appeared to be a white substance similar to silicone or lithium grease on the edges of the shim plate. The QA inspector inquired from the QCM if this was the case and the QCM relayed he was not aware of any such condition. QA personnel were not able to access this specific area throughout the day due the in process worked being performed by ABF personnel.

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Summary of Conversations:

QA had a conversation with ABF Welding Quality Control Manager, Jim Bowers inquiring about the substance that was being applied to the edge of the shim plates. Mr. Bowers informed QA that he was not sure why the substance was being applied but informed QA that he would check with the QCM, Chuck Kanapicki about the installation of the shim plates.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Faetemi (916) 813-3677, who represents the Office of Structural Materials for your project.

Inspected By:	Levell,Bill	Quality Assurance Inspector
Reviewed By:	Mertz,Robert	QA Reviewer
